PLEASE UNDERSTAND THAT MANY MODEL AIRPLANES HAVE WING SPANS OF UP TO 10 FEET OR MORE AND CAN WEIGH 30 TO 50 POUNDS.
THE MODELS THEMSELVES ARE EXPENSIVE TO BUILD; BUT MORE TO THE POINT, THEY ARE CAPABLE OF CAUSING PROPERTY DAMAGE, SERIOUS INJURY, OR EVEN DEATH IF RADIO INTERFERENCE CAUSES THE OPERATOR TO LOSE CONTROL OF THE AIRCRAFT, WE OFTEN FLY OUR MODELS AT ORGANIZED EVENTS AND CONTESTS WHERE HUNDREDS OF OPERATORS PARTICIPATE, WE NEED THE USE OF OUR FULL COMPLEMENT OF RADIO FREQUENCIES IN ORDER TO ASSURE A SAFE FLYING ENVIRONMENT.

I DO NOT THINK IT IS WISE OF THE FCC TO SEEK TO IMPROVE THE OPERATING CONDITIONS OF LAND MOBILE RADIO USERS AT THE EXPENSE OF RADIO CONTROL MODELERS. THE FCC MAY NOT THINK WE ARE AS IMPORTANT AS BUSINESS USERS OF RADIOS, BUT WE HAVE A CONSIDERABLE INVESTMENT IN OUR MODELS AND IN OUR RADIO EQUIPMENT. THE HOBBIE PROVIDES MANY HOURS OF ENJOYMENT TO MY FAMILY AND TO THOUSANDS OF PEOPLE LIKE MYSELF AND CONTRIBUTES TO THE ADVANCEMENT AND DEVELOPMENT OF THE COMMERCIAL AVIATION INDUSTRY

PLEASE HELP ME AND MY FAMILY AND FRIENDS TO CONTINUE THE SAFE ENJOYMENT OF MY PASTIME BY NOT ALLOWING THE FCC TO CARRY OUT ITS PROPOSALS FOR THE 72-76 MHz BAND,

SINCERELY,

David Wayne Duncan 410 WEST 3RD. STREET ALTURAS, CALIF. 96101 We have a special specious area, with benches to picnic tables for families to come and have a fun time.

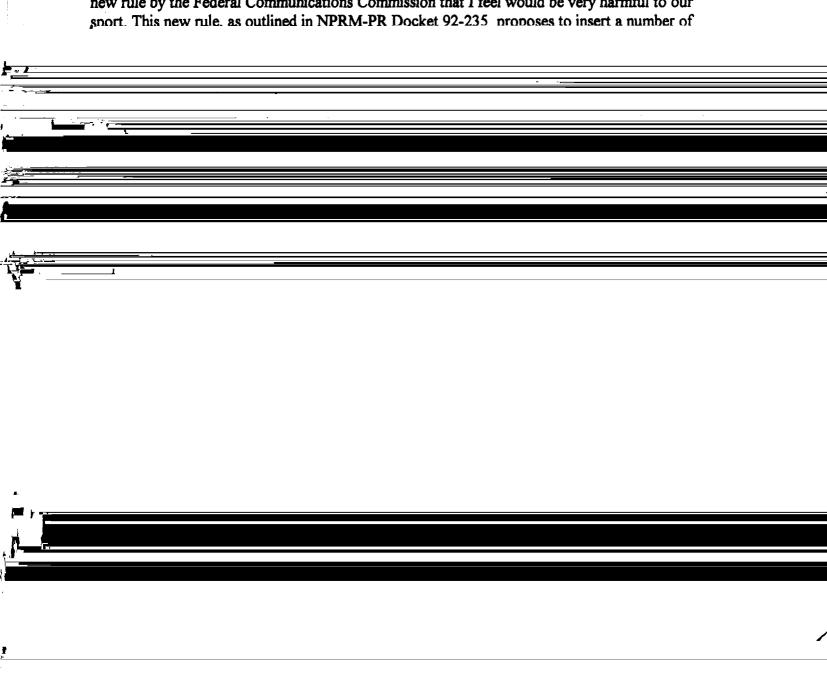
many hours go into building these beautiful planes

Our specially built landing

The Honorable Diane Feinstein
United States Senate
Week Washington, D.C. 20510

Dear Senator Feinstein:

As a flyer of Radio Controlled Model Aircraft I would like to call your attention to a proposed new rule by the Federal Communications Commission that I feel would be very harmful to our



1993 FEB -6 PM 3: 01

The Honorable Diane Feinstein United States Senate Washington, D.C. 20510

Dear Senator Feinstein:

I am writing regarding my concern about proposed rules that are currently being considered by the Federal Communications Commission (FCC). The proceeding is PR Docket 92-235. If adopted, the new rules would severely reduce the utility of radio frequencies currently assigned for radio control model use.

Our model radio control frequencies are in the 72-76 MHz (megahertz) band. Currently this band is used orimarily for private land based mobile dispatch operations. The bobburatio con-

1993 F683-FEBAH10:4890: 58 January 26, 1993

The Honorable Diane Fienstein United States Senate Washington, D.C. 20510

Dear Ms. Fienstein:

I an very active in a local club whose members enjoy constructing and operating radio controlled model airplanes. I am very concerned about proposed rules that are under consideration by the Federal Communications Commission (FCC). The proceeding is Docket 92-235. If adopted, the new rules will greatly reduce the usability of frequencies currently assigned for model use and increase the risk of accidents and attendant liability for controlling model airplanes.

U.S. Senate Washington D.C. 20510

131

Dear Senator Feinstein,

93FFR\_R\_MUILLAL

#### JOHN A. SCHIVELY

## 1904 Maryal Drive, Sacramento, CA 95864-1550 (916) 973-8871

93 FEO -3 /0111:03

February 5, 1993

The Honorable Diane Feinstein United States Senate Washington, DC 20510

RE: PR Docket 92-235

Dear Senator Feinstein,

For at least twenty three years I have been actively engaged in building and flying radio controlled aircraft. In essence this hobby is my "golf game" providing me with enjoyment, recreation, and fulfillment. I am honored to be a member of the Academy of Aeronautics Show Team, a group of pilots who are licensed to demonstrate and to perform for the public.

Having recently invested a great deal of money in new radio equipment consistent with 1991 regulations for our hobby, I wish to express concern about the proposal (PR Docket 92-235) to place new mobile frequencies between those presently allocated to model aircraft. Our hobbies technical advisors indicate that the proposed incursion of mobile frequencies poses a threat to the safe flying of our aircraft, and may render new equipment, mandated by the FCC on January 1st, 1991, no longer usable or safe.

I urge your most careful study of this proposal. Observe, please, that as a model airplane pilot safety is my first concern, economics is my second. It may be possible for the FCC to license the use of radio space which exists between those presently allocated to model aircraft. However, if new allocations are assigned to mobile use, they most certainly will encroach on the safety of flying for all of us who enjoy this hobby.

In advance thank you for your careful study of this matter, and for considering refusing to allow mobile use of the proposal stated in PR Docket 92-235.

Your's cordially, John 4. Schwick

John A. Schively

The Honorable Diane Fienstein FEB -8 AM II: 05 **United States Senate** Washington, D.C. 20510

Dear Ms. Fienstein:

I an very active in a local club whose members enjoy constructing and operating radio controlled model airplanes. I am very concerned about proposed rules that are under consideration by the Federal Communications Commission (FCC). The proceeding is Docket 92-235. If adopted, the new rules will greatly reduce the usability of frequencies currently assigned for model use and increase the risk of accidents and attendant liability for controlling model airplanes.

Our radio frequencies are in the 72-76 Mhz band. This band is primarily used for private land mobile dispatch operations. However, our radio control frequencies in this band are far enough apart from the land mobile frequencies that we have been able to share the band without either use interfering with the other.

Now the FCC wants to create more land mobile frequencies by splitting them into narrower bandwidths and rearranging the band plan. As a result, many land mobile frequencies will move closer to the radio control frequencies and cause interference to radio control operations. I am told that of 50 frequencies that are presently available for radio control of model airplanes, only 19 frequencies will be left if these new rules are adopted.

Please understand that many model airplanes have wing spans up to ten feet and weigh as much as 30 to 50 pounds. The models themselves are expensive to build; but more to the point, they are capable of causing property damage, serious injury, or even death if radio interference causes the operator to lose control of the craft. We often fly our models at organized events and contests where hundreds of operators participate. We need the use of our full complement of radio frequencies in order to assure a safe flying environment.

It is unfortunate that the FCC chooses to ignore the financial investment hobbyists have poured into modeling. This hobby provides many hours of enjoyment to thousands of people like myself and contributes to the advancement and development of the commercial aviation industry.

Please help me continue the safe enjoyment of my pastime by not allowing the FCC to carry out its proposals for the 72-76 Mhz band.

Sincerely,

5618 BRA Alder Ave Whittier, CA 90601

1993 FEB -8 AM 11: 04

Herbert J. Shields 18450 Pacific St. Hesperia, CA 92345

February 1, 1993

The Honorable Dianne Feinstein 367 Dirkson Office Building Washington, DC 205110

Dear Senator Feinstein,

It has come to my attention that proposed rules under consideration by the FCC (PR Docket 92-235) will adversely affect operations of currently assigned bandwidths for remote control of model airplanes. This will be caused by including additional land-based mobile frequencies between our present "slots" which do not have the ability to reject such high powered signals at such a close proximity. Such interference could be extremely dangerous and increase risks to users and spectators.

I am presently retired after 35 years as an aerospace engineer, and actively pursue construction and flying of model airplanes. Considerable time and money has been invested in my hobby. Compromising safety and obsoleting equipment can place a hardship on thousands of modelers. I can understand the frequency "crunch", but I strongly object to requiring a private individual having to relinquish rights of use to business interests.

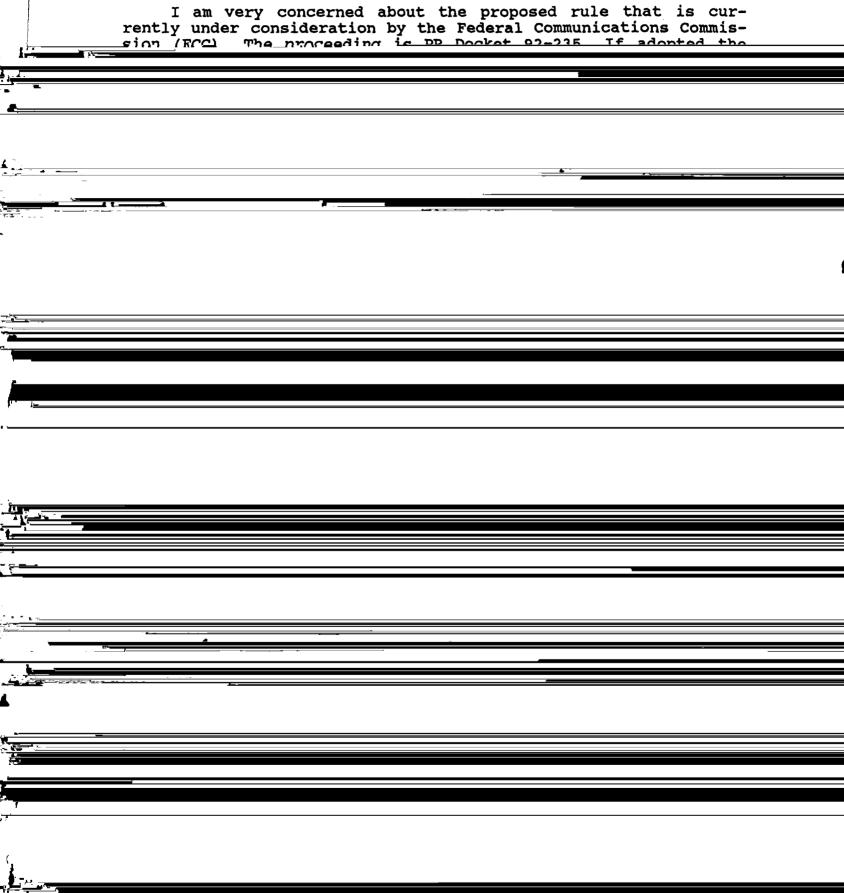
I sincerely seek your help in not allowing the FCC to carry out its proposals changing the uses of 72-75 MHz band.

Sincerely,

HERBERT (J. SHIELDS

Diane Feinstein gran Dc 20510

Dear Senator Feinstein,



Feb. 4, 1993.

The Honorable

Ms, Dianne Feinstein,

Dea FEB -8 /1111: 15

I am involved with the sport of Radio Controlled modeling. I am presently a member of the Bayside Radio Control Club in Fremont, California. Our club has over 270 members. I enjoy the building and the flying of R/C aircraft. In the begining of 1991, we under went the changing of all our Radio equipment to insure that we met the

Date Tel 1, 1993

1393 FEB -6 PM 3: 12

The Honorable Dianne Feinstein United State Senate Washington, D.C. 20510

Ref. PR Docket 92-235

1 am retired and derive many hours of pleasure from building and operating radio controlled models.

I am an active competitor in local and national events.

I am active in our local club.

I own  $\underline{\mathcal{S}}$  pieces of radio equipment that would be unusable if this frequency assignment is adopted.

The models I build weigh as much as  $\mathscr{S}$  pounds and operate at 20 m.p.h..

Since the proposed new frequencies are so close, interference will occur and render most model frequencies unusable.

Please understand that many model airplanes have wing spans up to 10 feet and weigh as much as 30 or 40 pounds. The models themselves are expensive to build; but more to the point, they are capable of causing property damage, serious injury, or even death if radio interference causes the operator to lose control of the craft. We often fly our models at organized events and contests where hundreds of operators participate. We need the use of our full complement of radio frequencies in order to assure a safe flying environment.

Sincerely,

**Anthony J Speciale** 

56838 Carlyle Dr

Yucca Valley CA 92284

February 1, 1993

93 FEB -6 PH 3: 02

Honorable Dianne Feinstein US Senate Washington, DC 20510

Re: NPRM PR Docket 92-235

Dear Senator Feinstein:

The proposed new rule will greatly reduce the useability of frequencies currently assigned for model use. It will increase the risk of uncontrollable accidents while flying the model planes and the attendant liability for injury to persons and property.

I am retired and enjoy many hours of constructing and flying radio controlled models. As a former pilot the hobby is a close extension of my interests. Safety is a primary factor in the responsible operation of radio controlled planes. Potential radio interference from nearby mobil land dispatch use will increase risk to my equipment and nearby property.

I think it unwise for the FCC to seek to improve the operating conditions of the land mobile radio users at the expense of radio control modelers. It is not just a matter of voice interference. Stray pulses can wrest control of a flying model and cause it to crash .. a serious safety hazard. There are literally thousands of us modelers over the whole country. I urge your help in this matter.

Sincerely,

William S. Gennings/ 280 Cagney Lane, #108

Newport Beach, CA 92663

The Honorable Dianne Feinstein
331 Hart Senate Office Building Fil 2:54
Washington, D.C. 20510

January 21,1993

Subject: FCC NPRM Pr Docket 92-235

Dear Senator Feinstein:

Let me begin by congratulating you on your recent election. Here's hoping things will change for the better in Washington. I am writing to request your assistance in the rejection of the subject proposal presently before the F.C.C. for adoption.

During the last five years we in the Radio Control Model hobby were required to replace all our equipment because the F.C.C. decreased our frequency spacing from 20 Khz to 10 Khz. The equipment replacement was very expensive and now they would all be obsoleted by this docket changing the spacing to 2.5 Khz.

Most of us have been interested in Radio Controlled Models for over thirty years and we spend much of our leisure time trying to help the younger generation to learn what a great hobby-sport this is. Certainly this wonderful pastime offers young people a great alternative to drugs, for this reason alone it is worthwhile.

This proposal, if adopted, would preclude the safe operation of model aircraft and make the operators subject to litigation for accidents caused by radio interference. The models I fly are large, fast, and expensive, therefore I take every precaution to operate them safely. There is no precaution I could take to prevent an accident caused by radio interference by another radio broadcasting perhaps miles away on a frequency only 2.5 Khz. away from my radio.

It is for the reasons I have stated that the proposals in FCC. NPRM PR Docket 92-235 to add frequencies between model and commercial frequencies not be adopted.

Sincerely for I Holding

Holdenness 36592 Lun Greb

Mission VIETO Cal.L

92691

The Honorable Dianne Feinstein 331 Hart Senate Office Building Washington, D.C. 20510 January 21,1993

Subject: FCC NPRM Pr Docket 92-235

Dear Senator Feinstein:

Let me begin by congratulating you on your recent election. Here's hoping things will change for the better in Washington. I am writing to request your assistance in the rejection of the subject proposal presently before the F.C.C. for adoption.

During the last five years we in the Radio Control Model hobby were required to replace all our equipment because the F.C.C. decreased our frequency spacing from 20 Khz to 10 Khz. The equipment replacement was very expensive and now they would all be obsoleted by this docket changing the spacing to 2.5 Khz.

Most of us have been interested in Radio Controlled Models for over thirty years and we spend much of our leisure time trying to help the younger generation to learn what a great hobby-sport this is. Certainly this wonderful pastime offers young people a great alternative to drugs, for this reason alone it is worthwhile.

This proposal, if adopted, would preclude the safe operation of model aircraft and make the operators subject to litigation for accidents caused by radio interference. The models I fly are large, fast, and expensive, therefore I take every precaution to operate them safely.

There is no procession I could take to prove the accident caused by

93 FED - 5 PH 2: 28

THE HONORABLE DIANNE FEINSTEIN UNITED STATES SENATE 331 HART SENATE BUILDING WASHINGTON, DC, 20510

Dear Senator Feinstein:

Yesterday was my first day of retirement. I plan to pursue my lifetime hobby of constructing and operating radio controlled model airplanes. Over the years, in preparation to this time in my life, I have spent thousands of dollars for equipment, especially Radio Control Units.

I am very concerned about proposed rules that are currently under consideration by the Federal Communications Commission (FCC). The proceeding is PR DOCKET 92-235. If adopted, the new rules will greatly reduce the useability of frequencies currently assigned for model use and increase the risk of accidents and attendant liability for controlling model airplanes.

Our radio control frequencies are in the 72 - 76 MHz band. This band is primarily used for private land mobile despatch operations. However, our radio control frequencies in this band are far enough apart from the land mobile frequencies that we have been able to share the band without either use interfering with the other.

Now the FCC wants to create more land mobile frequencies by splitting them into narrower bandwidths and rearranging the band plan. As a result, many land mobile frequencies will move closer to the radio control frequencies and cause interference to radio control operations. I am told that of the 50 frequencies that are presently available for radio control of model airplanes, only 19 frequencies will be left if these new rules are adopted.

When we fly our model airplanes under radio control, we go to great lengths to assure the safety of the operators and byetanders and the protection of property. Many of our safety precautions involve the careful coordination and use of the radio control frequencies. If the number of usable frequencies is diminished as proposed by the FCC, the remaining frequencies will become congested and the margin of safety will be greatly decreased.

Please understand that many model airplanes have wing spans up to 10 feet and weigh as much as 30 or 40 pounds. The models themselves are expensive to build; but more to the point, they are capable of causing property demage, serious injury, or even death if radio interference causes the operator to lose control of the craft. We often fly our models at organized events and contests where hundreds of operators participate. We need the use of our full complement of radio frequencies in order to assure a safe flying environment.

I do not think it is wise of the FCC to seek to improve the operating conditions of land mobile radiousers at the expense of radio control modelers. The FCC may not think we are as important as business users of radios, but we have a considerable investment in our models and in our radio equipment. Webster defines hobby as: "A pussuit outside one's regular occupation engaged in for relaxation". Today's lifestyles often put a lot of pressure on the individual. If he/she can find a hobby which helps to alleviate these pressures, more power to the hobby. It contributes to the health and well-being of the individual, and therefore, to our society. The hobby of radio controlled model airplane flying provides many hours of enjoyment to thousands of people like myself and contributes to the advancement and development of the commercial evistion industry.

Please help me continue the safe enjoyment of my pastime by not allowing the FCC to carry out its proposals for the 72 - 76 MHz band.

Sincerely,

**ROBERT A. RICHARDS** 

10728 Avenida Compadies

Fountain Valley, Ca 92708

Dear Senator Feinstein:

93 FEB -6 PH 2: 28

I have flown radio controlled sailplanes for ten years and have invested thousands of dollars in a very enjoyable sport and hobby. I just heard about <u>PR Docket 92-235</u>, proposed rules under consideration by the FCC.

If adopted, the new rules could be disastrous to the activity enjoyed by so many hobbyists, myself included. These rules will greatly reduce the usability of frequencies currently assigned for model use and increase the risk of accidents and attendant liability for controlling model airplanes.

I have five radio systems worth approximately \$1500 that would be affected by this ruling! Radio control frequencies are in the 72-76 MHz band. This band is primarily used for private land mobile dispatch

The Honorable Dianne Feinstein 331 Hart Senate Office Building Washington, D.C. 20510 January 21,1993 93 FEB -6 PH 2: 19

Subject: FCC NPRM Pr Docket 92-235

Dear Senator Feinstein:

Let me begin by congratulating you on your recent election. Here's hoping things will change for the better in Washington. I am writing to request your assistance in the rejection of the subject proposal presently before the F.C.C. for adoption.

During the last five years we in the Radio Control Model hobby were required to replace all our equipment because the F.C.C. decreased our frequency spacing from 20 Khz to 10 Khz. The equipment replacement was very expensive and now they would all be obsoleted by this docket changing the spacing to 2.5 Khz.

Most of us have been interested in Radio Controlled Models for over thirty years and we spend much of our leisure time trying to help the younger generation to learn what a great hobby-sport this is. Certainly this wonderful pastime offers young people a great alternative to drugs, for this reason alone it is worthwhile.

This proposal, if adopted, would preclude the safe operation of model aircraft and make the operators subject to litigation for accidents caused by radio interference. The models I fly are large, fast, and expensive, therefore I take every precaution to operate them safely. There is no precaution I could take to prevent an accident caused by radio interference by another radio broadcasting perhaps miles away on a frequency only 2.5 Khz. away from my radio.

It is for the reasons I have stated that the proposals in FCC. NPRM PR Docket 92-235 to add frequencies between model and commercial

The Honorable Diane Feinst@350-6 FN 2:50

United States Senate Washington, DC 20510

Reference FCC proposed Rule NPRM-PR Docket 92-235 for the addition of new frequencies intermixed within the Model Airplane R/C Channels.

I am concerned about the apparent lack of responsibility of the FCC in proposing to issue new frequencies to "Land Mobile Service" Stations around the country without doing their homework.

The FCC proposal would potentially cause a safety problem in the model airplane world. i.e. The new frequencies could interfere (overlap) with a flying airplane and cause it to crash into a pedestrian/spectator or automobile due to lack of control. These planes fly between 25-140 MPH.

These planes are radio controlled on assigned frequencies (by the FCC) in the 72 and 75 Mhz range. The FCC is proposing to interweave Land Mobile Service frequencies in between our R/C Model Airplane Channels.

The A.M.A. (Academy of Model Aeronautics) with almost 400,000 members nationwide, of which I am only one, is extremely concerned for many reasons - mainly safety. If these new Mobile frequencies are assigned and only 1% of our 400,000 modelers are affected by interference - resulting in plane crashes --- this could represent around 4,000 accidents or plane crashes per year. Many of these accidents could be personnel injuries or automobile accidents. Not to mention the thousands of hours wasted in building models + \$\$\$\$\$ lost. (A typicial Model airplane costs ~ \$300)

My dad and I have enjoyed over 40 years of Model Airplanes as thousands of other people. We belong to two R/C Airplane flying clubs and would like to continue our flying in a safe environment. Please don't allow this proposed new law to include the frequency range of 72 - 75 Mhz. Let it start at 76 Mhz and above.

Attached is the AMA letters and details.

Thank you for your time to read my letter.

Sincerely, Ronald & Scatt 2848 Gardner St.

Simi Valley, Calif. 93065



### ACADEMY OF MODEL AERONAUTICS

1810 Samuel Morse Drive Reston, Virginia 22090 (703) 435-0750 FAX 703-435-0798

#### Important Information From Your Academy of Model Aeronautics

Dear Fellow AMA Member:

The enclosed letter will explain a recent proposed action from the FCC. The Academy has begun to coordinate efforts by all segments of the hobby and the association industry to defeat this proposal.

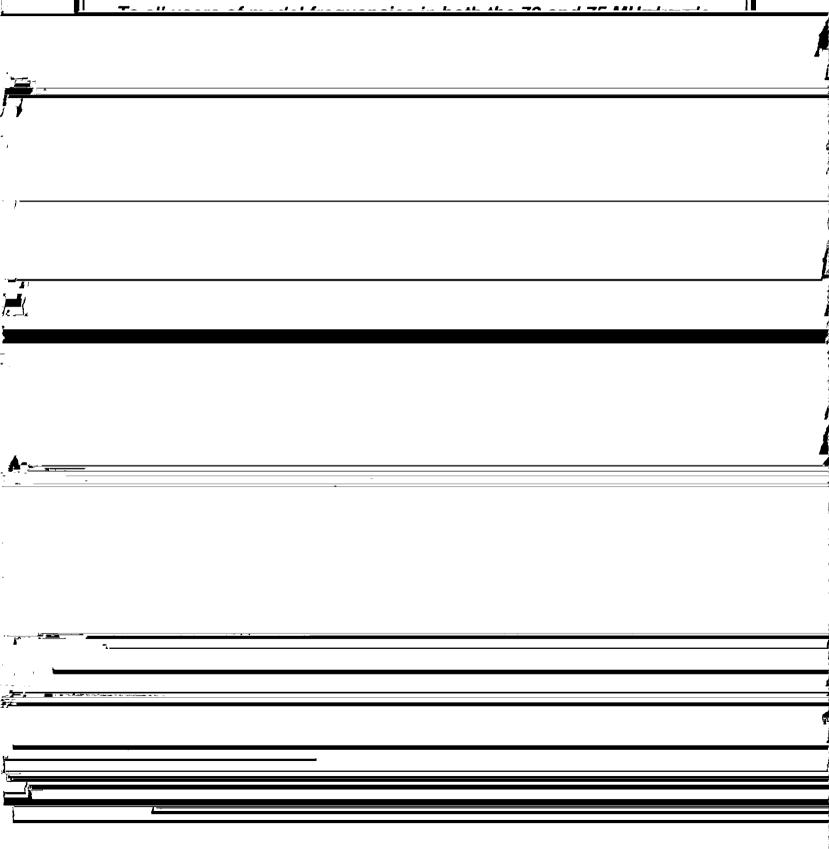
It is vitally important that each of us also makes an individual effort in this matter. The most important thing that can be done is that you write to the FCC before February 26 with your comments. Secondly, please write to your Senators and Congressmen in order that we may "hit all bases" in this proposal which would have profound effects on modeling.

I cannot use strong enough words to encourage your help in this matter. Your help is essential to our efforts and together we can be successful. For your convenience, a sample letter format is provided on the back side.

Vince Mankowski

**Executive Director** 

# Urgent Frequency Alert! (Responses needed before February 26, 1993)



The Honorable Diane Fienstein United States Senate Washington D.C. 20510 93 FEB - 5 FR 3:04

Dear Senator Fienstein:

I am a married man with a son living in this wonderful state of California. My wite and I both work hard for what we have, and when we have free time we both have hobbies. My hobby is known as Radio Control Modeling, (RC).

In RC modeling there is much time spent in building a model, in my case airplanes that can weigh anywhere between four and ten pounds. These model airplanes are controlled by a radio signal from a hand held radio transmitter, and are capable of incredible speeds.

i am very concerned about proposed rules that are currently under consideration by the Federal Communications Commission (FCC). This proposal is PR Docket 92-235. If adopted, the new rules will greatly reduce the usability of trequencies currently assigned for RC model use and increase the risk of accidents.

Uur radio control frequencies are in the 72-76 MHz band. This band is primarily used for private land mobile dispatch operations. However, our radio control frequencies in this band are far enough apart from the land mobile frequencies that we have been able to share the band without either use interfering with the other.

Now the FCC wants to create more land mobile frequencies by splitting them into narrower bandwidths and rearranging the band plan. As a result, many land mobile frequencies will move closer to the RC frequencies and cause interference to radio control operations. If these rules are adopted, out of the SC frequencies we have only 19 of them will be left.

When we fly our radio controlled planes, we go to much trouble to insure safety to ourselves, bystanders and to personal property. If the number of frequencies are this greatly reduced, the remaining frequencies will become congested and the margin of safety will decrease.

Flease understand that in my case my model aircraft weigh between 4 and 10 lbs, but there are many other flyers out there that control planes with wing spans up to 10 feet and weigh as much as 40 pounds. But no mater what size these models are, the are capable of serious injury and even death if the radio signals are interfered with, thus causing the pilot to lose control of his or her aircraft, and crashing into something or someone. We fly our model aircraft much of the time at organized events and contests, some of them national. Wineed all of our frequencies available to use so we can assure safe flying for all.

l along with many thousands of other RC modelers have quite a substantial investment into the enjoyment and improvement of our hobby, and it would be sad to see the FCC seek improvement of land mobile radio users at the expense and the second section of the section of the

Sharon D. Rush 29 Flying Cloud Course Corte Madera, Ca 94925

January 30, 1993

93 FEB - 6 Fil 3: 13

The Honorable Dianne Feinstein United States Senate Washington, D.C. 20510

Dear Senator Feinstein:

I have been interested in aviation for as long as I can remember. I am a very active flyer of radio control airplanes and spend a great deal of my free time pursuing this hobby. I have a large investment in radio controls and aircraft. I feel my ability to fly my airplanes is in jeopardy due to proposed rule changes currently under consideration.

I am very concerned about proposed rules that are currently under consideration by the Federal Communications Commission (FCC). The proceeding is PR Docket 92-235. If adopted, the new rules will proceed the usebility of frequencies currently assigned for model use and increase the risk of assigned

